

10/569,854

12/10/07

STN

11:44:57 ON 10 DEC 2007

12:43:30 ON 10 DEC 2007

FILE 'HCAPLUS, WPIX, JAPIO, KOREAPAT' ENTERED AT 11:45:14 ON 10 DEC 2007

L1 24015 SEA ABB=ON PLU=ON (COIL### OR MICROCOIL? OR TRANSCEIVER OR TRANSRECEIVER OR DEDUCTOR) (4A) (?BOBBIN? OR SPINDLE OR REEL OR SPOOL### OR WHEEL)

L2 187778 SEA ABB=ON PLU=ON (TUBE OR TUBULAR OR CYLIND##### OR CIRCULAR) (3A) (HEAT##### OR WARM##### OR THERMAL#####)

L3 1071619 SEA ABB=ON PLU=ON (HEAT### OR THERMAL##### OR TEMPERATURE OR TEMP##) (3A) (?PIPE? OR ?EXCHANG? OR SYSTEM OR RECOVER? OR TRANSFER? OR CYLIND? OR TUBE OR TUBULAR)

L4 439987 SEA ABB=ON PLU=ON (FLOW#### OR CONDUCT#### OR RADIAT#### OR INSULAT####) (3A) (?PIPE? OR PASSAGE#### OR ?CONDUIT? OR ?CANAL? OR ?CHANNEL? OR LINE OR DUCT OR HOSE OR SPIRAL?)

L5 1452872 SEA ABB=ON PLU=ON (L2 OR L3 OR L4)

L6 165 SEA ABB=ON PLU=ON L1 AND (NUCLEAR(W) SPIN(W) TOMOGRAPH? OR MR OR MRI OR F(W) MRI OR NMR OR MAGNETIC(W) RESONAN? OR NUCLEAR(W) MAGNETIC OR MAGNETORESON? OR MRS OR PMR OR PROTON(W) MAGNETIC? OR MRA)

L7 704 SEA ABB=ON PLU=ON L1 AND (G01R?/IC,IPC,ECLA OR G01N?/IC,IPC,ECLA)

L8 172 SEA ABB=ON PLU=ON L1 AND (NMR OR NUCLEAR MAGNETIC OR MAGNETIC(2A) RESONAN##### OR MR OR MRS OR MRI OR M R I OR NUCLEAR LOGGING OR FTNMR OR N M R OR MAGNETIC IMAGING OR FTMRI OR MAGNETORESONAN? OR PMR OR P M R OR PROTON MAGNETIC RESONAN?)

L9 1339 SEA ABB=ON PLU=ON L1 AND (MAGNETIC RELAXATION OR FERROMAGNETI C RESONANCE OR MAGNET?(2A) SPECTR##### OR FMRI OR FUNCTION## ##(2A) IMAG### OR CNMR OR MAGNETIC FIELD OR RF OR RADIO FREQUENC? OR MAGNETIC(2A) PULSE)

L10 18 SEA ABB=ON PLU=ON L1 AND (SUPERCONDUCT?) (3A) (TEMPERATURE OR TEMP### OR THERMAL#####) (3A) (HIGH#### OR INCREAS### OR ELEVAT#### OR RAIS### OR ULTRAHIGH? OR ESCALAT#### OR AUGMENT? OR INFLAT####)

L11 1873 SEA ABB=ON PLU=ON (L6 OR L7 OR L8 OR L9 OR L10)

L12 73 SEA ABB=ON PLU=ON L11 AND L5

L13 2 SEA ABB=ON PLU=ON L12 AND (HEAT OR THERMAL##### OR TEMPERATUR E OR TEMP##) (3A) (?PIPE? OR ?EXCHANG? OR SYSTEM OR RECOVER#### OR TRANSFER##### OR FLOW#### OR CONDUCT#### OR RADIAT#### OR CYLINDER OR CYLINDRIC? OR TUBE OR TUBULAR) (3A) (FIRST OR 1ST OR ONE OR PRIMARY OR SINGLE)

L14 2 SEA ABB=ON PLU=ON L12 AND (HEAT OR THERMAL##### OR TEMPERATUR E OR TEMP##) (3A) (TUBE OR TUBULAR OR ?PIPE? OR ?EXCHANG? OR SYSTEM OR RECOVER#### OR TRANSFER##### OR FLOW#### OR CONDUCT#### OR RADIAT#### OR CYLIND?) (3A) (SECOND OR 2ND OR SECONDARY OR SEVERAL OR ANOTHER OR PAIR OR DUAL)

L15 2 SEA ABB=ON PLU=ON (L12) AND (HEAT#### OR WARM#### OR THERMAL#####) (3A) (?TUBE? OR TUBULAR OR CYLIND? OR ?PIPE? OR TRANSFER? OR EXCHANG? OR SYSTEM) (3A) (WITHIN OR INSIDE OR MIDDLE OR CENTER#### OR CENTRAL OR MOUNT#### OR CONTACT?)

L16 27 SEA ABB=ON PLU=ON (L1) AND (HEAT#### OR WARM#### OR THERMAL## ####) (3A) (?TUBE? OR TUBULAR OR CYLIND? OR ?PIPE? OR TRANSFER? OR EXCHANG? OR SYSTEM) (3A) (WITHIN OR INSIDE OR MIDDLE OR CENTER#### OR CENTRAL OR MOUNT#### OR CONTACT?)

L17 25 SEA ABB=ON PLU=ON L1 AND (HEAT OR THERMAL##### OR TEMPERATURE OR TEMP##) (3A) (?PIPE? OR ?EXCHANG? OR SYSTEM OR RECOVER#### OR TRANSFER##### OR FLOW#### OR CONDUCT#### OR RADIAT#### OR CYLINDER OR CYLINDRIC? OR TUBE OR TUBULAR) (3A) (FIRST OR 1ST OR ONE OR PRIMARY OR SINGLE)

L18 22 SEA ABB=ON PLU=ON L1 AND (HEAT OR THERMAL##### OR TEMPERATURE OR TEMP##) (3A) (TUBE OR TUBULAR OR ?PIPE? OR ?EXCHANG? OR SYSTEM OR RECOVER#### OR TRANSFER##### OR FLOW#### OR CONDUCT#### OR RADIAT#### OR CYLIND?) (3A) (SECOND OR 2ND OR SECONDARY OR SEVERAL OR ANOTHER OR PAIR OR DUAL)

L19 1390 SEA ABB=ON PLU=ON L1 AND (?PIPE? OR TUBE OR TUBULAR OR PASSAGE#### OR ?CONDUIT? OR ?CANAL? OR ?CHANNEL? OR LINE OR DUCT OR HOSE OR BOBBIN OR CYLINDER OR CYLINDRIC?) (3A) (FIRST OR 1ST OR PRIMARY)

L20 2250 SEA ABB=ON PLU=ON L1 AND (?PIPE? OR TUBE OR TUBULAR OR PASSAGE#### OR ?CONDUIT? OR ?CANAL? OR ?CHANNEL? OR LINE OR

DUCT OR HOSE OR BOBBIN OR CYLINDER OR CYLINDRIC?) (3A) (SECOND OR 2ND OR SECONDARY OR SEVERAL OR ANOTHER OR GREATER THAN OR MORE THAN ONE OR PAIR OR DUAL OR PLURAL####)

L21 208 SEA ABB=ON PLU=ON (L19 OR L20) AND L11

L22 9 SEA ABB=ON PLU=ON L21 AND ?PROBE?

L23 18 SEA ABB=ON PLU=ON L21 AND (?COIL?) (3A) (DETECT##### OR SENS##### OR MEASUR##### OR ANALYS? OR ANALYZ?)

L24 1 SEA ABB=ON PLU=ON L21 AND (TEMP## OR TEMPERATURE) (3A) (HIGH### # OR INCREAS### OR ELEVAT#### OR RAIS### OR ULTRAHIGH? OR ESCALAT#### OR AUGMENT? OR INFLAT####)

L25 14 SEA ABB=ON PLU=ON L21 AND SUPERCONDUCT?

L26 178 SEA ABB=ON PLU=ON L10 OR (L12 OR L13 OR L14 OR L15 OR L16 OR L17 OR L18) OR (L22 OR L23 OR L24 OR L25)

L27 16 SEA ABB=ON PLU=ON L26 AND (NUCLEAR(W) SPIN(W) TOMOGRAPH? OR MR OR MRI OR F(W) MRI OR NMR OR MAGNETIC(W) RESONAN? OR NUCLEAR(W) MAGNETIC OR MAGNETORESON? OR MRS OR PMR OR PROTON(W) MAGNETIC? OR MRA)

L28 49 SEA ABB=ON PLU=ON L26 AND (G01R?/IC,IPC,ECLA OR G01N?/IC,IPC,ECLA)

L29 16 SEA ABB=ON PLU=ON L26 AND (NMR OR NUCLEAR MAGNETIC OR MAGNETIC(2A) RESONAN##### OR MR OR MRS OR MRI OR M R I OR NUCLEAR LOGGING OR FTNMR OR N M R OR MAGNETIC IMAGING OR FTMRI OR MAGNETORESONAN? OR PMR OR P M R OR PROTON MAGNETIC RESONAN?)

L30 70 SEA ABB=ON PLU=ON L26 AND (MAGNETIC RELAXATION OR FERROMAGNETIC RESONANCE OR MAGNET?(2A) SPECTR##### OR FMRI OR FUNCTION#####(2A) IMAG### OR CNMR OR MAGNETIC FIELD OR RF OR RADIO FREQUENC? OR MAGNETIC(2A) PULSE)

L31 44 SEA ABB=ON PLU=ON L26 AND SUPERCONDUCT?

L32 124 SEA ABB=ON PLU=ON (L27 OR L28 OR L29 OR L30 OR L31)

L33 120 SEA ABB=ON PLU=ON L32 AND P/DT

L34 4 SEA ABB=ON PLU=ON L32 NOT L33

L35 3 SEA ABB=ON PLU=ON L34 NOT 2004-2008/PY

L36 106 SEA ABB=ON PLU=ON L33 AND 1980-2003/PRY,PY

L37 33 SEA ABB=ON PLU=ON L33 AND 2004-2007/PRY,PY

L38 87 SEA ABB=ON PLU=ON L33 NOT L37

L39 110 SEA ABB=ON PLU=ON L35 OR L36 OR L38
D L39 ALL MEMBB 1-110

L40 15518 SEA ABB=ON PLU=ON (BOBBIN OR SPINDLE# OR SPOOL### OR REEL) (2A) (?COIL?)

L41 39 SEA ABB=ON PLU=ON (BOBBIN OR SPINDLE# OR SPOOL### OR REEL) (2A) (?COIL?) (4A) (HEAT##### OR THERMAL##### OR WARM#####) (3 A) (?PIPE? OR ?EXCHANG? OR SYSTEM OR RECOVER? OR TRANSFER? OR CYLIND? OR TUBE OR TUBULAR)

L42 29 SEA ABB=ON PLU=ON (BOBBIN OR SPINDLE# OR SPOOL### OR REEL) (2A) (?COIL?) (4A) (HEAT##### OR THERMAL##### OR WARM#####) (3 A) (WIRE)

L43 3 SEA ABB=ON PLU=ON (BOBBIN OR SPINDLE# OR SPOOL### OR REEL) (2A) (?COIL?) (4A) (HEAT##### OR THERMAL##### OR WARM#####) (3 A) (FLOW#### OR CONDUCT#### OR RADIAT#### OR INSULAT####) (3A) (?PIPE? OR PASSAGE#### OR ?CONDUIT? OR ?CANAL? OR ?CHANNEL? OR LINE OR DUCT OR HOSE OR SPIRAL)

L44 13 SEA ABB=ON PLU=ON (BOBBIN OR SPINDLE# OR SPOOL### OR REEL) (2A) (?COIL?) (4A) (HEAT##### OR THERMAL##### OR WARM#####) (3 A) (?PIPE? OR PASSAGE#### OR ?CONDUIT? OR ?CANAL? OR ?CHANNEL? OR LINE OR DUCT OR HOSE OR SPIRAL)

L45 15 SEA ABB=ON PLU=ON (BOBBIN OR SPINDLE# OR SPOOL### OR REEL) (2A) (?COIL?) (4A) (HEAT##### OR THERMAL##### OR RADIAT? OR INSULAT#####) (2A) (TRANSFER? OR EXCHANG?)

L46 64 SEA ABB=ON PLU=ON (L41 OR L42 OR L43 OR L44 OR L45)

L47 62 SEA ABB=ON PLU=ON L46 NOT L39

L48 61 SEA ABB=ON PLU=ON L47 AND P/DT

L49 54 SEA ABB=ON PLU=ON L48 AND 1980-2003/PRY,PY

L50 10 SEA ABB=ON PLU=ON L48 AND 2004-2007/PRY,PY

L51 51 SEA ABB=ON PLU=ON L48 NOT L50

L52 57 SEA ABB=ON PLU=ON L49 OR L51
D L52 ALL MEMBB 1-57

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DIALOG

12/10/2007 12:56:56 PM

12/10/2007 1:11:42 PM

[File 2] INSPEC 1898-2007/Nov W4
 [File 8] Ei Compendex(R) 1884-2007/Dec W1
 [File 6] NTIS 1964-2007/Dec W3
 [File 34] SciSearch(R) Cited Ref Sci 1990-2007/Dec W2
 [File 434] SciSearch(R) Cited Ref Sci 1974-1989/Dec
 [File 96] FLUIDEX 1972-2007/Oct
 [File 315] ChemEng & Biotec Abs 1970-2007/Aug
 [File 103] Energy SciTec 1974-2007/Nov B1
 [File 65] Inside Conferences 1993-2007/Dec 07
 [File 99] Wilson Appl. Sci & Tech Abs 1983-2007/Oct
 [File 144] Pascal 1973-2007/Dec W1
 [File 23] CSA Technology Research Database 1963-2007/Nov
 [File 57] Electronics & Communications Abstracts 1966-2007/Sep
 [File 68] Solid State & Superconductivity Abstracts 1966-2007/Oct

Set	Items	Description
S1	1418	S (BOBBIN? OR SPINDLE?? OR REEL? ? OR SPOOL??? OR WHEEL???) (3N) (COIL???? OR MICROCOIL? OR MICRO()COIL? OR TRANSCEIVER? ? OR TRANSRECEIVER? ? OR DEDUCTOR? ?)
S2	52	S S1 AND (TUBE OR TUBULAR OR CYLIND???????????? OR CIRCULAR OR VESSEL? ? OR PIPE? ? OR WIRE? ?) (3N) (HEAT????? OR WARM????? OR THERMAL???????)
S3	84	S S1 AND (HEAT????? OR THERMAL????? OR TEMPERATURE? ? OR TEMP???) (3N) (PIPE? ? OR EXCHANG? OR SYSTEM? ? OR RECOVER? OR TRANSFER? OR CYLIND? OR TUBE? ? OR TUBULAR)
S4	69	S S1 AND (FLOW????? OR CONDUCT?????? OR RADIAT?????? OR INSULAT?????) (3N) (PIPE? ? OR PASSAGE????? OR CONDUIT? OR CANAL? OR CHANNEL? OR LINE? ? OR WIRE?? OR DUCT? ? OR HOSE? ? OR SPIRAL?)
S5	118	S (BOBBIN? OR SPINDLE? OR SPOOL??? OR REEL? ?) (3N) (COIL??? OR MICROCOIL? ? OR MICRO()COIL? ? OR TRANSCEIVER? ? OR TRANSRECEIVER? ? OR DEDUCTOR? ?) (3N) (DETECT????? OR PROBE? ? OR MICROPROBE? ? OR MICRO()PROBE?)
S6	1	S S2:S5 AND (NUCLEAR()SPIN()TOMOGRAPH? OR MR OR MRI OR F()MRI OR NMR OR MAGNETIC()RESONAN? OR NUCLEAR()MAGNETIC OR MAGNETORESON? OR MRS OR PMR OR PROTON()MAGNETIC? OR MRA)
S7	0	S S2:S5 AND CC=(A7660? OR A3325? OR A3240? OR A0758?)
S8	1	S S2:S5 AND (NMR OR NUCLEAR MAGNETIC OR MAGNETIC(2A)RESONAN##### OR MR OR MRS OR MRI OR M R I OR NUCLEAR LOGGING OR FTNMR OR N M R OR MAGNETIC IMAGING OR FTMRI OR MAGNETORESONAN? OR PMR OR P M R OR PROTON()MAGNETIC()RESONAN?)
S9	1	S S2:S5 AND (NMR OR NUCLEAR()MAGNETIC OR MAGNETIC(2N)RESONAN????? OR MR OR MRS OR MRI OR M()R()I OR NUCLEAR()LOGGING OR FTNMR OR N()M()R OR MAGNETIC()IMAGING OR FTMRI OR MAGNETORESONAN? OR PMR OR P()M()R OR PROTON()MAGNETIC()RESONAN?)
S10	68	S S2:S5 AND SUPERCONDUCT?
S11	34	S S2:S5 AND (TEMPERATURE?? OR TEMP??) (3N) (HIGH????? OR INCREAS????? OR ELEVAT????? OR ROOM OR AMBIENT)
S12	0	S 2:S5 AND (HEAT?????) (2N) (EXCHANG? OR TRANSFER? OR PIPE? ?)
S13	71	S S6:S11
S14	31	RD (unique items)
S15	23	S S14 NOT S14/2004-2008